

## ABSTRACT

A dynamoelectric machine enabling stator winding temperature detecting precision of a temperature measuring means to be improved while also improving assembly of the dynamoelectric machine is provided.

The dynamoelectric machine according to the present invention includes: a stator winding disposed in a stator; a temperature sensor for estimating a stator winding temperature of the stator winding; and a thermally-conductive bracket disposed between the stator winding and the temperature sensor. An estimated value of the stator winding temperature is calculated using a sum of a measured temperature measured by the temperature measuring means and a correcting value for correcting the measured temperature.